

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for nonprovisional applications under 37 CFR § 1.53(b))

Attorney Docket No.	500444.04	August 25, 2003
First Inventor or Application Identifier		Troy A. Manning
Title	<b>METHOD AND APPARATUS FOR GENERATING EXPECT DATA FROM A CAPTURED BIT PATTERN, AND MEMORY DEVICE USING</b>	
Express Mail Label No.	EL 990358592 US	

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Sheet (+ copy)  
(Submit an original and a duplicate for fee processing)

2.  Applicant(s) Claim(s) Small Entity Status

3.  Specification [Total Pages] **62**  
(preferred arrangement set forth below)

- Descriptive Title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4.  Drawing(s) (35 USC 113) [Total Sheets] **11**

5.  Oath or Declaration [Total Pages] **1**

- a.  Newly executed (original or copy)
- b.  Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 18 completed)
  - i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

6.  Application Data Sheet (37 C.F.R. 1.76)

**ADDRESS TO:**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8.  Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

- a.  Computer-Readable Form (CRF)
- b.  Specification Sequence Listing on:
  - i.  CD-ROM or CD-R (2 copies); or
  - ii.  paper
- c.  Statement verifying identity of above copies

**ACCOMPANYING APPLICATION PARTS**

9.  Certification Under 35 U.S.C. 122(b)(2)(B)(i)

10.  Assignment Papers (cover sheet & document(s))

11.  37 CFR 3.73(b) Statement (when there is an assignee)  Power of Attorney

12.  English Translation Document (if applicable)

13.  Preliminary Amendment Total Pages 3

14.  Return Receipt Postcard

15.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations

16.  Certified Copy of Priority Document(s) (if foreign priority is claimed)

17.  Other: Certificate of Express Mail; Check  
Copy Elect POA; Copy Rev Sub POA

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment

Continuation  Divisional  Continuation-In-Part (CIP) of prior Application No.: 10/268,351 Filed October 9, 2002

Prior application information: Examiner David Ton Group / Art Unit 2133

Incorporation By Reference (useable if box 5b is checked)

The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

**CORRESPONDENCE ADDRESS**

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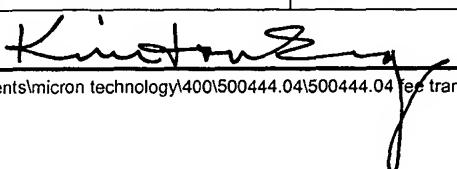
**Customer No. 27,076**TYPED or PRINTED NAME Kimton N. EngREGISTRATION NO. 43,605SIGNATURE Kimton N. EngDate August 25, 200322387 U.S. PTO  
10/268567

08/25/03

# FEE TRANSMITTAL SHEET (FOR FY 2003)

<b>FEE TRANSMITTAL SHEET (FOR FY 2003)</b>		<i>Complete if Known</i>																																																																																																																																																											
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1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fee required under 37 C.F.R. §§ 1.16 and 1.17 and 1.136(a)(3) and credit any over payments to Deposit Account No.: <u>50-1266</u> ; Deposit Account Name: <u>DORSEY &amp; WHITNEY LLP</u>		<b>3. ADDITIONAL FEES</b> <table style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">Large Entity</th> <th style="text-align: left;">Small Entity</th> <th colspan="3"></th> <th rowspan="2" style="text-align: right;">Fee paid</th> </tr> <tr> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Code</th> <th>Fee (\$)</th> <th>Fee Description</th> </tr> </thead> <tbody> <tr> <td>105</td> <td>130</td> <td>205</td> <td>65</td> <td>Surcharge - Late filing fee or oath</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>127</td> <td>50</td> <td>227</td> <td>25</td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>139</td> <td>130</td> <td>139</td> <td>130</td> <td>Non-English specification</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>147</td> <td>2,520</td> <td>147</td> <td>2,520</td> <td>For Filing a Request for Reexamination</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>195</td> <td>300</td> <td>196</td> <td>300</td> <td>Publication (early or Republication)</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>115</td> <td>110</td> <td>215</td> <td>55</td> <td>Extension for reply within first month</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>116</td> <td>410</td> <td>216</td> <td>205</td> <td>Extension for reply within 2<sup>nd</sup> month</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>117</td> <td>930</td> <td>217</td> <td>465</td> <td>Extension for reply within 3<sup>rd</sup> month</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>118</td> <td>1,450</td> <td>218</td> <td>725</td> <td>Extension for reply within 4<sup>th</sup> month</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>128</td> <td>1,970</td> <td>280</td> <td>985</td> <td>Extension for reply within 5<sup>th</sup> month</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>120</td> <td>320</td> <td>220</td> <td>160</td> <td>Filing a brief in support of an appeal</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>121</td> <td>280</td> <td>270</td> <td>140</td> <td>Request for oral hearing</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>148</td> <td>110</td> <td>248</td> <td>55</td> <td>Terminal Disclaimer Fee</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>140</td> <td>110</td> <td>240</td> <td>55</td> <td>Petition to revive – unavoidable</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>141</td> <td>1,300</td> <td>241</td> <td>650</td> <td>Petition to revive – unintentional</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>142</td> <td>1,300</td> <td>242</td> <td>650</td> <td>Utility/Reissue issue fee (+ advance copies)</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>143</td> <td>470</td> <td>243</td> <td>235</td> <td>Design issue fee (+ advance copies)</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>122</td> <td>130</td> <td>122</td> <td>130</td> <td>Petitions to the Commissioner</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>123</td> <td>50</td> <td>123</td> <td>50</td> <td>Petitions related to provisional applications</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>126</td> <td>180</td> <td>126</td> <td>180</td> <td>Submission of IDS</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>581</td> <td>40</td> <td>81</td> <td>40</td> <td>Recording each patent assignment per property (times number of properties)</td> <td style="text-align: right;">\$</td> </tr> <tr> <td>179</td> <td>750</td> <td>279</td> <td>375</td> <td>Request for Continued Examination (RCE)</td> <td style="text-align: right;">\$</td> </tr> <tr> <td colspan="6" style="text-align: right; padding-right: 20px;"><b>Subtotal (3) \$0</b></td> <td style="text-align: right; vertical-align: bottom;"><b>Total Amount of Payment: \$750</b></td> </tr> </tbody> </table>						Large Entity	Small Entity				Fee paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	105	130	205	65	Surcharge - Late filing fee or oath	\$	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	\$	139	130	139	130	Non-English specification	\$	147	2,520	147	2,520	For Filing a Request for Reexamination	\$	195	300	196	300	Publication (early or Republication)	\$	115	110	215	55	Extension for reply within first month	\$	116	410	216	205	Extension for reply within 2 <sup>nd</sup> month	\$	117	930	217	465	Extension for reply within 3 <sup>rd</sup> month	\$	118	1,450	218	725	Extension for reply within 4 <sup>th</sup> month	\$	128	1,970	280	985	Extension for reply within 5 <sup>th</sup> month	\$	120	320	220	160	Filing a brief in support of an appeal	\$	121	280	270	140	Request for oral hearing	\$	148	110	248	55	Terminal Disclaimer Fee	\$	140	110	240	55	Petition to revive – unavoidable	\$	141	1,300	241	650	Petition to revive – unintentional	\$	142	1,300	242	650	Utility/Reissue issue fee (+ advance copies)	\$	143	470	243	235	Design issue fee (+ advance copies)	\$	122	130	122	130	Petitions to the Commissioner	\$	123	50	123	50	Petitions related to provisional applications	\$	126	180	126	180	Submission of IDS	\$	581	40	81	40	Recording each patent assignment per property (times number of properties)	\$	179	750	279	375	Request for Continued Examination (RCE)	\$	<b>Subtotal (3) \$0</b>						<b>Total Amount of Payment: \$750</b>
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Submitted by:

Name: Kimton N. Eng	Reg. No.: 43,605	Telephone: (206) 903-8800
Signature: 		Date: <u>August 25, 2003</u>

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Troy A. Manning

Attorney Docket No.: 500444.04

Filed : August 25, 2003

Title : METHOD AND APPARATUS FOR GENERATING EXPECT DATA FROM A CAPTURED BIT PATTERN, AND MEMORY DEVICE USING SAME

**CERTIFICATE OF MAILING BY "EXPRESS MAIL"**

MAIL STOP PATENT APPLICATION

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

I hereby certify that the enclosures listed below are being deposited with the United States Postal Service "EXPRESS MAIL Post Office to Addressee" service under 37 C.F.R. § 1.10, Mailing Label Certificate No. EL 990358592 US, on August 25, 2003, addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Respectfully submitted,  
DORSEY & WHITNEY LLP

  
/ for West Courier

KNE:asw

Enclosures:

- Postcard
- Check
- PTO/SB/05 Utility Patent Application Transmittal
- Application Data Sheet
- Fee Transmittal Sheet (+ copy)
- General Authorization
- Preliminary Amendment
- Specification, Claims, Abstract (62 pages)
- 11 Sheets of Drawings (Figures 1-12)
- Copy of Declaration
- Copy of Election and Power of Attorney
- Copy of Revocation and Substitute Power of Attorney
- Information Disclosure Statement and Form PTO-1449

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Troy A. Manning Attorney Docket No.: 500444.04  
Filed : Concurrently Herewith  
Title : METHOD AND APPARATUS FOR GENERATING EXPECT DATA FROM A CAPTURED BIT PATTERN, AND MEMORY DEVICE USING SAME

## **GENERAL AUTHORIZATION**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With respect to the above-identified application, the Commissioner is authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 which may be required and to treat any concurrent or future reply requiring a petition for an extension of time under 37 C.F.R. § 1.136(a)(3) for its timely submission as incorporating a petition therefor for the appropriate length of time and to charge any fees which may be required during the course of prosecution, or credit any overpayment, to Deposit Account No. 50-1266.

Date August 25, 2003

Kimton Eng  
Kimton N. Eng  
Registration No. 43,605

KNE:asw

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